



February 16, 2016

NRC 2016-0001
10 CFR 50.54(f)

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Point Beach Nuclear Plant, Units 1 and 2
Docket 50-266 and 50-301
Renewed License Nos. DPR-24 and DPR-27

NextEra Energy Point Beach, LLC, Screening and High Confidence Low Probability of Failure (HCLPF) Results for Inaccessible and Late Addition Components

References:

- (1) NRC Letter, Request for Information Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3, of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident, dated March 12, 2012 (ML12073A348)
- (2) NEI Letter, Proposed Path Forward for NTTF Recommendation 2.1: Seismic Reevaluations, dated April 9, 2013 (ML13107B386)
- (3) NRC Letter, Electric Power Research Institute Report 3002000704, "Seismic Evaluation Guidance: Augmented Approach for the Resolution of Fukushima Near-Term Task Force Recommendation 2.1: Seismic," as an Acceptable Alternative to the March 12, 2012, Information Request for Seismic Reevaluations, dated May 7, 2013 (ML13106A331)
- (4) NextEra Energy Point Beach, LLC's Expedited Seismic Evaluation Process Report (CEUS Sites), Response [to] NRC Request for Information Pursuant to 10 CFR 50.54(f) Regarding Recommendation 2.1 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident, dated December 22, 2014 (ML14356A426)

On March 12, 2012, the Nuclear Regulatory Commission (NRC) issued a 50.54(f) letter to all power reactor licensees and holders of construction permits in active or deferred status (Reference 1). Enclosure 1 of Reference (1) requested each addressee located in the Central and Eastern United States (CEUS) to submit a Seismic Hazard Evaluation and Screening Report within 1.5 years from the date of Reference (1).

In Reference (2), the Nuclear Energy Institute (NEI) requested NRC agreement to delay submittal of the final CEUS Seismic Hazard Evaluation and Screening Reports so that an update to the Electric Power Research Institute (EPRI) ground motion attenuation model could be completed and used to develop that information. NRC agreed with the proposed path forward in Reference (3).

Reference (4) provided NextEra Energy Point Beach, LLC's (NextEra) Expedited Seismic Evaluation Process Report. In Reference (4), NextEra indicated walkdowns would be conducted for inaccessible and late addition components that were listed in Section 7.1 of the Report, the components would be screened and evaluated, and the screening and High Confidence Low Probability of Failure (HCLPF) results would be submitted within 120 days following restart of Unit 2 following the Unit's fall 2015 refueling outage. This letter provides the screening and HCLPF results for the inaccessible and late addition components.

This letter contains no new regulatory commitments.

If you have any questions please contact Mr. Bryan Woyak, Licensing Manager, at 920/755-7599.

I declare under penalty of perjury that the foregoing is true and correct. Executed on February 16, 2016.

Very truly yours,

NextEra Energy Point Beach, LLC



Eric McCartney
Site Vice President

Enclosure

cc: Director, Office of Nuclear Reactor Regulation
Administrator, Region III, USNRC
Resident Inspector, Point Beach Nuclear Plant, USNRC
Project Manager, Point Beach Nuclear Plant, USNRC

ENCLOSURE

NEXTERA ENERGY POINT BEACH, LLC

**SCREENING AND HIGH CONFIDENCE LOW PROBABILITY
OF FAILURE (HCLPF) RESULTS FOR
INACCESSIBLE AND LATE ADDITION COMPONENTS**

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**SCREENING AND HIGH CONFIDENCE LOW PROBABILITY
OF FAILURE (HCLPF) RESULTS FOR
INACCESSIBLE AND LATE ADDITION COMPONENTS**

NextEra has completed walkdowns and evaluation of components previously noted as inaccessible or late additions requiring further action. The component screenings and High Confidence Low Probability of Failure (HCLPF) results are provided in the following table:

HCLPF Values and Failure Modes Tabulation

Equipment ID	Description	Failure Mode	HCLPF
2RC-570A	Reactor Vessel (RV) Head Vent Solenoid (Unit 2)	Screened	≥ 0.229
2RC-570B	RV Head Vent Solenoid (Unit 2)	Screened	≥ 0.229
2RC-575A	RV/T-1 PZR Vent Header to PRT Solenoid (Unit 2)	Screened	≥ 0.229
2RC-575B	RV/T-1 PZR Gas Vent to Containment Standpipe Solenoid (Unit 2)	Screened	≥ 0.229
C-061 ⁽¹⁾	Diesel Driven Fire Pump Control Panel	Anchorage	≥ 0.229
D-600	Diesel Driven Fire Pump Battery Rack	Anchorage	≥ 0.229
FP-3715	Diesel Fire Pump Relief Valve	Screened	≥ 0.229
FP-448	Fire Water Header Isolation Valve	Screened	≥ 0.229
FP-536	Fire Water to Service Water Cross Connection Valve	Screened	≥ 0.229
P-35B	Diesel Driven Fire Pump	Anchorage	≥ 0.229
P35B-E	Diesel Driven Fire Pump Engine	Anchorage	≥ 0.229
T-30	Diesel Fire Pump Fuel Tank	Anchorage	≥ 0.229

⁽¹⁾ This component was incorrectly labeled "C-601" in the 12/22/14 submittal due to a typographical error.